

The diagram illustrates a mobile emergency response system architecture. At the top, three satellites (labeled 15) are shown. Each satellite is connected to a central mobile unit (labeled 200) via a radio link (labeled 20). The mobile unit (200) is a rectangular block containing three main functional sections: a Receiver (202) at the top, a Controller (206) in the middle, and a Transmitter (208) at the bottom. To the left of these sections is a vertical stack of three boxes labeled M, E, and M, collectively labeled 207 (representing Memory). A circular component labeled A is positioned between the Receiver and the Controller. The mobile unit (200) is connected to a base station (labeled 210) via a radio link (labeled 209). The base station (210) is a larger rectangular block containing a Contact Profile (212) and MEM (217) on the left, and a Receiver (214), Controller (216), and Transmitter (218) on the right. The base station (210) is connected to an Emergency Service (labeled 222) via a link (labeled 221). The base station (210) also communicates with multiple contacts (labeled 220-1, 220-2, ..., 220-N) via radio links (labeled 219-1, 219-2, ..., 219-N). Each contact is represented by a rectangular box.

FIG. 2

300

	304	306	308	310	312
	Remote Device Identifier	Subscriber Identifier	Contact List	Contact Address	Contact Type
302	1-234-567-8900	Subscriber 1	Emergency Spouse Mother	911 1-234-345-5678 1-234-356-8796	voice voice voice
302	1-234-678-9012	Subscriber 2	Spouse email Spouse Work Spouse Mobile	spouse@work 1-800-555-5637 1-234-654-7654	text voice voice
302	1-456-789-0123	Subscriber 3	Emergency Office email	911 help@myoffice	voice text
302	1-234-432-1010	Subscriber N	Emergency Sibling's pager	911 1-800-555-3443	voice text

FIG. 3

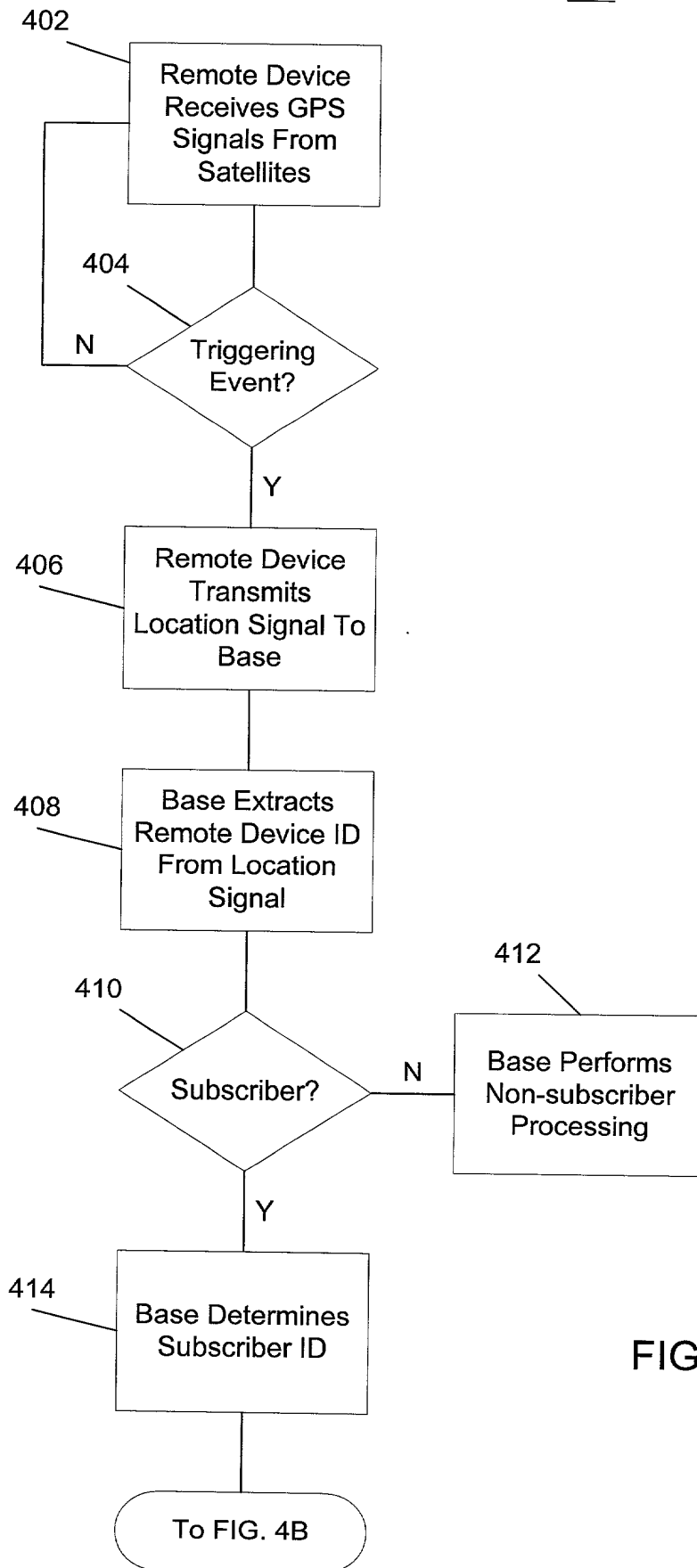


FIG. 4A

FIG. 4B

